BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2021-22/OW/WORK_INDENT48374

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/07/2021-22, Dated:03.09.2021

Name of Work:Improvements and Restoration of Roads in Ward No. 05 (Package 01) (Package Consists of 6 works).

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of Sri.K.R Santhosh Kumar	
				In Figures	In Words
1	3826.79	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification and directions of the Engineer in charge.	Cum	209.68	Rupees Two Hundred Nine and Sixty Seven Paise Only
2	11256.6	Removing and refixing stone slabs of drains and pointing in CM (1:3) complete as per specification and directions of the Engineer in charge.	Sqm	112.41	Rupees One Hundred Twelve and Forty One Paise Only
3	5378.02	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete.,complete as per specification and directions of the Engineer in charge.	Sqm	749.42	Rupees Seven Hundred Forty Nine and Forty Two Paise Only
4	103.74	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specification and directions of the Engineer in charge.	Cum	5675.99	Rupees Five Thousand Six Hundred Seventy Five and Ninety Eight Paise Only
5	208.73	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per specification and directions of the Engineer in charge.	Cum	7497.22	Rupees Seven Thousand Four Hundred Ninety Seven and Twenty One Paise Only
6	14.04	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specification and directions of the Engineer in charge.	tonne	80948.07	Rupees Eighty Thousand Nine Hundred Forty Eight and Six Paise Only
7	647.28	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,complete as per specification and directions of the Engineer in charge.. (Data Rate)	Sqm	1941.22	Rupees One Thousand Nine Hundred Forty One and Twenty Two Paise Only
8	120.3	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete as per specification and directions of the Engineer in charge.	Sqm	5472.18	Rupees Five Thousand Four Hundred Seventy Two and Eighteen Paise Only
9	1318.47	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specification and directions of the Engineer in charge.	Cum	56.82	Rupees Fifty Six and Eighty Two Paise Only
10	26339.7	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specification and directions of the Engineer in charge.	Sqm	41.75	Rupees Forty One and Seventy Five Paise Only
11	374.4	Supplying and laying Sand / Crushed Sand complete as per specification and directions of the Engineer in charge.	Cum	1697.76	Rupees One Thousand Six Hundred Ninety Seven and Seventy Five Paise Only
12	374.4	Extra for watering the earth to bring the earth upto required optimum moisture content manually including cost of all labour complete as per specification and directions of the Engineer in charge.	Cum	12.85	Rupees Twelve and Eighty Four Paise Only

Signature of the Contractor

Executive Engineer

Name of Work:Improvements and Restoration of Roads in Ward No. 05 (Package 01) (Package Consists of 6 works).

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of Sri.K.R Santhosh Kumar	
				In Figures	In Words
13	26339.7	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specification and directions of the Engineer in charge.	Sqm	6.42	Rupees Six and Forty Two Paise Only
14	6149.61	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification and directions of the Engineer in charge.	Cum	2021.29	Rupees Two Thousand Twenty One and Twenty Nine Paise Only
15	28661.3	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specification and directions of the Engineer in charge.	Sqm	34.26	Rupees Thirty Four and Twenty Five Paise Only
16	1433.06	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by smooth wheeled, vibratory & tandem rollers to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specification and directions of the Engineer in charge.	Cum	5923.63	Rupees Five Thousand Nine Hundred Twenty Three and Sixty Two Paise Only
17	21788.7	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specification and directions of the Engineer in charge.	Sqm	5.35	Rupees Five and Thirty Five Paise Only
18	48128.4	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specification and directions of the Engineer in charge.	Sqm	12.85	Rupees Twelve and Eighty Four Paise Only
19	1925.14	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specification and directions of the Engineer in charge.	Cum	8534.82	Rupees Eight Thousand Five Hundred Thirty Four and Eighty Two Paise Only
20	1446.08	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specification and directions of the Engineer in charge.	Sqm	459.29	Rupees Four Hundred Fifty Nine and Twenty Eight Paise Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92